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|  |  |  | December16th  Individual Track |
| Test Plan | | | |
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# Test Strategy

* The business layer will be tested by Unit Testing.
* The User Stories will be tested by User Acceptance Tests.
* The frontend will be tested by Frontend Testing.

# Test Acceptance Tests

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| ID | UC | Name | Pre-condition | Test Data | Expected Result |
| TC-1 | US-1 |  |  |  |  |
| TC-2 | US-2 | Adding a bundle. | User must be logged in with admin account. | Account data:  User:  Pass:  Bundle: Name: Price:  Description: | The bundle gets added. |
| TC-3 | US-2 | Adding the bundle with invalid information. | User must be logged in with admin account. | Account data:  User:  Pass:  Bundle: Name: Price:  Description: | System returns a message noting the information which is invalid. |
| TC-4 | US-2 | Modifying a bundle. | User must be logged in with admin account and the bundle must exist. | Account data:  User:  Pass:  Bundle:  ID: Name: Price:  Description: | The bundle gets updated. |

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| ID | UC | Name | Pre-condition | Test Data | Expected Result |
| TC-5 | US-2 | Modifying a bundle with invalid information. | User must be logged in with admin account and the bundle must exist. | Account data:  User:  Pass:  Bundle:  ID: Name: Price:  Description: | System returns a message noting the information which is invalid. |
| TC-6 | US-2 | Removing a bundle. | User must be logged in with admin account and the bundle must exist. | Account data:  User:  Pass:  Bundle:  ID: | The bundle gets removed. |
| TC-7 | US-2 | Removing a bundle with invalid information. | User must be logged in with admin account and the bundle must exist. | Account data:  User:  Pass:  Bundle:  ID: | System returns a message noting the information which is invalid. |
| TC-8 | US-2 | Adding a package. | User must be logged in with admin account and a bundle must be selected. | Account data:  User:  Pass:  Bundle: ID:  Package:  Name: Price: Description: | The package gets added. |

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| ID | UC | Name | Pre-condition | Test Data | Expected Result |
| TC-9 | US-2 | Adding a package with invalid information. | User must be logged in with admin account and a bundle must be selected. | Account data:  User:  Pass:  Bundle: ID:  Package:  Name: Price: Description: | System returns a message noting the information which is invalid. |
| TC-10 | US-2 | Modifying a package. | User must be logged in with admin account and a bundle must be selected. | Account data:  User:  Pass:  Bundle: ID:  Package: ID:  Name: Price: Description: | The package gets modified. |

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| ID | UC | Name | Pre-condition | Test Data | Expected Result |
| TC-11 | US-2 | Modifying a package with invalid information. | User must be logged in with admin account and a bundle must be selected. | Account data:  User:  Pass:  Bundle: ID:  Package: ID:  Name: Price: Description: | System returns a message noting the information which is invalid. |
| TC-12 | US-2 | Removing a package. | User must be logged in with admin account and a bundle must be selected. | Account data:  User:  Pass:  Bundle: ID:  Package: ID: | The package gets removed. |
| TC-13 | US-2 | Removing a package with invalid information. | User must be logged in with admin account and a bundle must be selected. | Account data:  User:  Pass:  Bundle: ID:  Package: ID: | System returns a message noting the information which is invalid. |

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| ID | UC | Name | Pre-condition | Test Data | Expected Result |
| TC-14 | US-3 | Creating an account. | None | Account Data:  User:  Pass:  Email:  Address: | The account gets added. |
| TC-15 | US-3 | Creating an account with invalid information. | None. | Account Data:  User:  Pass:  Email:  Address: | System returns a message noting the information which is invalid. |
| TC-16 | US-4 | Modifying an account (customer). | Account must exist and user most be logged in with an account. | Account data:  User:  Pass:  Account Data:  Pass:  Email:  Address: | The account gets modified. |
| TC-17 | US-4 | Modifying an account with invalid information (customer). | Account must exist and user most be logged in with an account. | Account data:  User:  Pass:  Account Data:  Pass:  Email:  Address: | System returns a message noting the information which is invalid. |
| TC-18 | US-4 | Modifying an account (owner). | Account must exist and user most be logged in with an account. | Account data:  User:  Pass:  Account Data:  Role: | The account gets modified. |

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| ID | UC | Name | Pre-condition | Test Data | Expected Result |
| TC-19 | US-5 |  |  |  |  |
| TC-20 | US-6 |  |  |  |  |
| TC-21 | US-7 |  |  |  |  |
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